



SP00-140B

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alexandre Michel Mayolet, et al

Examiner: John M. Hoffman

Serial No: PCT/US01/10777

Group Art Unit: 1731

Filed: April 3, 2001

For: FLUORIDE CRYSTALLINE OPTICAL  
LITHOGRAPHY LENS ELEMENT  
BLANKINFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56, 1.97 - 1.98Mail Stop Amendment  
Commissioner of Patents  
Alexandria, VA 22313-1450

Dear Sir:

The Examiner's attention is hereby directed to the following reference(s) listed on the attached Form PTO-1449 for consideration in connection with the examination of the above-identified patent application. Copies of cited documents are available in the parent and divisional application now known as U.S. Patent Numbers 6,699,408 and 6,395,657.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the enclosed documents constitute "prior art." If it should be determined that any of the submitted documents do not constitute "prior art" under United States law, applicant(s) reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the enclosed references, should one or more of the references be applied against the claims of the present application.

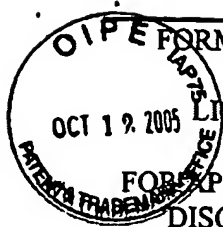
Respectfully submitted,

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Date: 5 October 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express mail in an envelope addressed to Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, Va 22313-1450 on 5 October 2005  
Date of Deposit

Walter M. Douglas  
Name of applicant, assignee, or  
Registered Representative

*Walter M. Douglas*  
Signature  
5 October 2005  
Date of Signature



FORM PTO-1449 (MODIFIED)

LIST OF PATENTS AND  
PUBLICATIONS  
FOR APPLICANTS INFORMATION  
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.  
SP00-140B

SERIAL NO.

10/723,372

APPLICANT: Alexandre Michel Mayolet, et al.

FILING DATE 11/25/03

GROUP: 1731

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Filing Date if Approp.
	AA	4,038,201	7/26/77	Hargreaves			
	AB	5,045,507	9/1991	Tran			
	AC	6,226,128	5/2001	Shiozawa			
	AD	6,320,700	11/2001	Shiozawa			
	AE	6,309,461	10-2001	Gianoulakis, et al			
	AF	6,342,312	01-2002	Oba, et al			
	AG	6,350,310	02-2002	Gianoulakis			
	AH	5,045,507	9-1991	Tran			
	AI	6,226,128	5/2001	Shiozawa			
	AJ	6,320,700	11/2001	Shiozawa			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub- Class	Translation Yes No
	AK	0 995 820A	4/26/00	EPO			
	AL	0 919 646	6/2/99	EPO			
	AM	9[1997]-315893	12/9/97	Japan			
	AN	213,514	9/12/84	Germany			

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AO	Mouchovski J., et al., Growth of Ultra-Violet Grade CaF <sub>2</sub> Crystals and Their Applications For Excimer Laser Optics, Journal of Crystal Growth, NL, , North Holland Publishing Co. Amsterdam, vol. 162, no. 1-02, 4/1/96, pages 79-82.
AP	Jiang: Growth and Properties of Scintillating Crystal BaF <sub>2</sub> , Journal of Crystal Growth, NL, , North Holland Publishing Co. Amsterdam, vol. 79, no. 1-3, December 1986, pages 720-722.
AQ	Dressler, L., et al., On the Inhomogeneity of Refractive Index of CaF <sub>2</sub> Crystals for High Performance Optics, Cryst. Res. Technol. 27, (1992) 3, pp. 413-420.
AR	B. E. Kinsman et al., Preparation and Purification of Metal Fluorides for Crystals and Glasses, Materials for Optics and Electronics, vol. 5, (1995), pages 45-51.
AS	Dennis R. Cope, UV lasers require tough transmissive materials, Technology Guide: Laser Optics, Laser Focus World, January 1992, pages 107-111.
AT	Donald C. Stockbarger, Artificial Fluorite, Journal of the Optical Society of America, Vol. 39, No. 9, September 1949, pages 731-740
AU	R. L. Lambe et al., Mossbauer Studies of Oxygen-Stabilized Eu <sup>2+</sup> in CaF <sub>2</sub> , Physical Review Letter, Vo. 36, No. 1, 5 January 1976, pages 43-49.
AV	V. A. Sokolov, et al., Dependence on the refractive index in calcium fluoride crystals on their growing conditions, Optical Media, Sov J. Opt Technol., 56 (10) 1989 pages 630-633.

	AW	Ioanna Matsouli, Study of the magneto-acoustic effects in FeBO <sub>3</sub> by synchrotron radiation diffraction imaging, Dept. of Physics, Univ. of Warwick, UK; November 1998, pages 6 and 10.
	AX	D. Keith et al., High Resolution X-ray Diffractometry and Topography, 1998, Printed by Taylor and Francis Ltd., London, ISBN 0-8506-6758-5, pages 221-224.
	AY	R. Rauch et al., VUV Absorption Spectra of Oxygenated CaF <sub>2</sub> , Crystals, Phys. Stat. Sol. (a) 64, (1981), page K1 65-K1-68.

**EXAMINER:**

**DATE CONSIDERED:**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.